

APR 06 2005
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Effective on 12/08/2004.
Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818).

FEET TRANSMITTAL

For FY 2005

Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$800)

Complete if Known	
Application Number	10/621,428
Filing Date	July 16, 2003
First Named Inventor	Dieter Heindl
Examiner Name	Frank Wei Min Lu
Art Unit	1634
Attorney Docket No.	022101-003900US

METHOD OF PAYMENT (check all that apply)

Check Credit Card Money Order None Other (please identify): _____
 Deposit Account Deposit Account Number: 20-1430 Deposit Account Name: Townsend and Townsend and Crew LLP

For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)

Charge fee(s) indicated below Charge fee(s) indicated below, except for the filing fee
 Charge any additional fee(s) or underpayments of fee(s) under 37 CFR 1.16 and 1.17 Credit any overpayments

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038

FEE CALCULATION

1. BASIC FILING, SEARCH, AND EXAMINATION FEES

<u>Application Type</u>	<u>FILING FEES</u>		<u>SEARCH FEES</u>		<u>EXAMINATION FEES</u>		
	<u>Small Entity</u>	<u>Fee (\$)</u>	<u>Small Entity</u>	<u>Fee (\$)</u>	<u>Small Entity</u>	<u>Fee (\$)</u>	<u>Fees Paid (\$)</u>
Utility	300	150	500	250	200	100	_____
Design	200	100	100	50	130	65	_____
Plant	200	100	300	150	160	80	_____
Reissue	300	150	500	250	600	300	_____
Provisional	200	100	0	0	0	0	_____

2. EXCESS CLAIM FEES

Fee Description

Each claim over 20 or, for Reissues, each claim over 20 and more than in the original patent

Small Entity

Fee (\$)

50

Fee (\$)

25

Each independent claim over 3 or, for Reissues, each independent claim more than in the original patent

200

Fee (\$)

100

Multiple dependent claims

360

Fee (\$)

180

<u>Total Claims</u>	<u>Extra Claims</u>	<u>Fee (\$)</u>	<u>Fee Paid (\$)</u>	<u>Multiple Dependent Claims</u>
33	-20 or HP = 16	x \$50	\$800	<u>Fee (\$)</u> <u>Fee Paid (\$)</u>

HP = highest number of total claims paid for, if greater than 20

<u>Indep. Claims</u>	<u>Extra Claims</u>	<u>Fee (\$)</u>	<u>Fee Paid (\$)</u>	<u>Fee (\$)</u>	<u>Fee Paid (\$)</u>
2	-3 or HP = 0	x \$200	\$0		

HP = highest number of independent claims paid for, if greater than 3

3. APPLICATION SIZE FEE

If the specification and drawings exceed 100 sheets of paper, the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).

<u>Total Sheets</u>	<u>Extra Sheets</u>	<u>Number of each additional 50 or fraction thereof</u>	<u>Fee (\$)</u>	<u>Fee Paid (\$)</u>
_____	- 100 = _____	/ 50 = _____ (round up to a whole number)	x _____	= _____

Fees Paid (\$)

4. OTHER FEE(S)

Non-English Specification, \$130 fee (no small entity discount)

Other: _____

SUBMITTED BY

Signature		Registration No. (Attorney/Agent) 47,651	Telephone 415-576-0200
Name (Print/Type)	Matthew E. Hinsch		Date 04/04/05



I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to:

Don S
PATENT

Attorney Docket No.: 022101-003900US
Client Ref. No.: 21329-US

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

On

April 7, 2005

TOWNSEND and TOWNSEND and CREW LLP

By:

Don S. Xac

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Dieter Heindl et al.

Application No.: 10/621,428

Filed: July 16, 2003

For: FLUORESCENT
HYBRIDIZATION PROBES WITH
REDUCED BACKGROUND

Customer No.: 41504

Confirmation No. 8931

Examiner: Frank Wei Min Lu

Technology Center/Art Unit: 1634

AMENDMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

In response to the Office Action mailed November 2, 2004, please enter the following amendments and remarks. A petition to extend the time for response for two months, from February 2, 2005 through April 4, 2005 (April 2 is a Saturday), accompanies this Amendment.

Amendments to the Specification begin on page 2 of this paper.

Amendments to the Claims are reflected in the listing of claims which begins on page 3 of this paper.

Remarks/Arguments begin on page 8 of this paper.